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FORM PTO-1390 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE (REV. 11-2000)		ATTORNEY'S DOCKET NUMBER		
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)		9138-0018		
		U.S. APPLICATION NO. (If known, sec 37 CFR 1.5		
		IG UNDER 35 U.S.C. 371	07/831812	
INTERNATIONAL APPL		INTERNATIONAL FILING DATE 12 Nov. 1999 (12.11.99)	PRIORITY DATE CLAIMED 13.11.98	
PCT/US99/26698 TITLE OF INVENTION				
OSCILLATORY NEUR	OCOMPUTERS	WITH DYNAMIC CONNECTIVITY	<u> </u>	
APPLICANT(S) FOR DO	•			
Frank C. Hop Applicant herewith submit	pensteadt. ** s to the United St	ates Designated/Elected Office (DO/EO/US)	the following items and other information:	
		s concerning a filing under 35 U.S.C. 371.		
2. This is a SECONI	or SUBSEQUE	NT submission of items concerning a filing	under 35 U.S.C. 371.	
3. This is an express items (5), (6), (9)	request to begin n	ational examination procedures (35 U.S.C. 3	371(f)). The submission must include	
4. The US has been e	lected by the expi	ration of 19 months from the priority date (A	Article 31).	
5. X A copy of the Inter	rnational Applicat	ion as filed (35 U.S.C. 371(c)(2))		
. —		d only if not communicated by the Internation	onal Bureau).	
		y the International Bureau. lication was filed in the United States Receiv	ing Office (RO/US)	
	=			
	ge translation of t ed hereto.	he International Application as filed (35 U.S		
		itted under 35 U.S.C. 154(d)(4).	•	
		ternational Aplication under PCT Article 19	(35 U.S.C. 371(c)(3))	
		red only if not communicated by the Internat		
b. have bee	n communicated	by the International Bureau.		
c. have not	been made; how	ever, the time limit for making such amendm	ents has NOT expired.	
d. have not	been made and v	vill not be made.		
		he amendments to the claims under PCT Art	ticle 19 (35 U.S.C. 371 (c)(3)).	
9. An oath or declara	tion of the invent	or(s) (35 U.S.C. 371(c)(4)).	•	
10. An English lanuga Article 36 (35 U.S		the annexes of the International Preliminary	Examination Report under PCT	
Items 11 to 20 below	concern docume	ıt(s) or information included:		
11. An Information	Disclosure Staten	nent under 37 CFR 1.97 and 1.98.	•	
12. An assignment of	document for reco	rding. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.	
13. X A FIRST prelim	ninary amendment	i.		
14. A SECOND or	SUBSEQUENT F	oreliminary amendment.		
15. A substitute spe	cification.			
16. A change of pov	wer of attorney an	d/or address letter.	· · · ·	
17. A computer-read	dable form of the	sequence listing in accordance with PCT Ru	le 13ter.2 and 35 U.S.C. 1.821 - 1.825.	
18. A second copy of	of the published in	nternational application under 35 U.S.C. 154	(d)(4).	
19. A second copy	of the English lan	guage translation of the international applica	tion under 35 U.S.C. 154(d)(4).	
20. Other items or i	nformation:			
l .				



us 60 138,383	781°2	INTERNATIONAL APPLICATION NO PCT/US99/26698			ATTORNEYS DOCKET NUMBER 9138-0018		
21. The following fees are submitted:					CALCULATIONS PTO USE ONLY		
	FEE (37 CFR 1.492 (a)						
Neither internation nor international se and International S	al preliminary examinati arch fee (37 CFR 1.445(a earch Report not prepare	on fee (37 CFR 1:482) a)(2)) paid to USPTO d by the EPO or JPO	\$1000,00				
International prelin USPTO but Interna	ninary examination fee (3 ational Search Report pre	7 CFR 1.482) not paid to pared by the EPO or JPO	\$860.00				
but international se	arch fee (37 CFR 1.445(a	7 CFR 1.482) not paid to a)(2)) paid to USPTO	\$710.00				
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)							
International prelin	ninary examination fee (3	7 CFR 1.482) paid to US	PTO			•	
		rticle 33(1)-(4)		6	100.00		
		BASIC FEE AMO	UNI =	\$	100.00		
Surcharge of \$130.0 months from the ear	0 for furnishing the oath liest claimed priority date	20 30	\$				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$			
Total claims	19 - 20 =		x \$18.00	\$	0.00		
Independent claims	7 - 3 =	4	x \$80.00		20.00	· · · · · · · · · · · · · · · · · · ·	
MULTIPLE DEPEN	DENT CLAIM(S) (if app		+ \$270.00	\$	20.00		
Applicant claim	is small entity status. See	OF ABOVE CALCUE 37 CFR 1.27. The fees	LATIONS = indicated above	<u> </u>	60.00	_	
are reduced by	1/2.					ļ	
			JBTOTAL =	\$ 1	60.00	<u>.</u>	
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)).							
TOTAL NATIONAL FEE =							
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +							
TOTAL FEES ENCLOSED =					60.00		
,				Amo	ount to be refunded:	\$	
					charged:	\$	
b. Please char	the amount of \$\frac{260}{260} True ge my Deposit Account the copy of this sheet is end	No in	the amount of \$		to cover the	ne above fees.	
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 07-0135. A duplicate copy of this sheet is enclosed.							
d. Fees are to informatio	be charged to a credit can in should not be include	rd. WARNING: Inform d on this form. Provide	ation on this form ma credit card informatio	y beco n and	ome public. Cr authorization o	redit card on PTO-2038.	
NOTE: Where an 1.137 (a) or (b)) m	appropriate time limit ust be filed and granted	under 37 CFR 1.494 or to restore the application	1.495 has not been mon to pending status	iet, a	petition to rev	ive (37 CFR	
	& Kennedy, P.A.		SIGNATU	RE	SIV lad	2)6-	
	melback Road rizona 85016-922	Thomas	as D. MacBlain				
24,583							
REGISTRATION NUMBER							

Attorney's Docket: 9138-0018

IN THE UNITED STATES RECEIVING OFFICE (RO/US)

International Application No.:

PCT/US99/26698

International Filing Date:

12 November 1999

Priority Date Claimed:

13 November 1998

Applicant:

Hoppensteadt, et al.

Title: OSCILLATORY NEUROCOMPUTERS WITH DYNAMIC CONNECTIVITY

CERTIFICATE OF EXPRESS MAIL UNDER 37 CFR 1.10

Date of Deposit: May 14, 2001 "Express Mail" Label No.: EL709979558US

Assistant Commissioner for Patents

Box PCT

Washington, DC 20231

Sir:

I hereby certify that the following attached item(s):

- 1. Transmittal letter (in duplicate);
- 2. Preliminary Amendment;
- 3. Check in the amount of \$260.00; and
- 4. Postcard, postage prepaid/self-addressed, to confirm receipt of documents

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the above date indicated and addressed to Commissioner of Patents and Trademarks, Box PCT, Washington, D.C. 20231.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any trademark registration issued thereon.

Dawn Van Ness, Legal Secretary c/o Gallagher & Kennedy, P.A.

2575 East Camelback Road

Phoenix, Arizona 85016-9225